PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P03013			FOR FURTHER ACTION See Form PCT/IPEA/416				
International application No. PCT/NO2004/000080		International filing date 22.03.2004	a (day/month/year)	Priority date <i>(day/m</i> 11.04.2003	nonth/year)		
	rnational Patent Class BD21,00	ification (IPC) or a	national classification and	IPC			
	olicant DRSK HYDRO AS	A et al.					
1.	This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.						
2.	This REPORT consists of a total of 4 sheets, including this cover sheet.						
3.	This report is also accompanied by ANNEXES, comprising:						
	a. sent to the applicant and to the International Bureau) a total of sheets, as follows:						
	and/o	s of the descript r sheets contain nistrative Instruc	ing rectifications autho	vings which have bee rized by this Authority	n amended and are the y (see Rule 70.16 and S	basis of this report Section 607 of the	
	beyor	s which superse nd the disclosure lemental Box.	ede earlier sheets, but ver in the international ap	which this Authority coplication as filed, as	onsiders contain an am indicated in item 4 of Bo	endment that goes ox No. I and the	
	sequence	listing and/or ta	Bureau only) a total of (bles related thereto, in Listing (see Section 8	computer readable for	mber of electronic carrie orm only, as indicated ir ive Instructions).	er(s)) , containing a n the Supplemental	
4.	This report conta	ins indications r	elating to the following	items:			
	⊠ Box No. I	Basis of the op	pinion				
	☐ Box No. II	Priority				•	
	☐ Box No. III	•	nent of opinion with reg	ard to novelty, invent	tive step and industrial a	applicability	
	☐ Box No. IV	Lack of unity o	·				
	☑ Box No. V	Reasoned stat applicability; ci	ement under Article 35 tations and explanation	(2) with regard to nov is supporting such sta	relty, inventive step or in atement	ndustrial	
	☐ Box No. VI	Certain docum					
	☐ Box No. VII		s in the international ap				
	☐ Box No. VIII	Certain observ	ations on the internatio	nal application			
Dat	e of submission of the	demand		Date of completion of	of this report		
02.11.2004				10.03.2005			
Name and mailing address of the international preliminary examining authority:				Authorized Officer		and the chas Petantony.	
European Patent Office D-80298 Munich				Faeustle, W			
Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465			Telephone No. +49	89 2399-2945			
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JC09 Rec'd PCT/PTO 07 OCT 2005

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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International application No. PCT/NO2004/000080

_	Box No. I Basis of the repor	t			
1.	With regard to the language , this report is based on the international application in the language in which it wa filed, unless otherwise indicated under this item.				
	☐ This report is based on tran which is the language of a	nslations from the original language into the following language , translation furnished for the purposes of:			
	☐ publication of the internal	der Rules 12.3 and 23.1(b)) ational application (under Rule 12.4) v examination (under Rules 55.2 and/or 55.3)			
2.	Vith regard to the elements* of the international application, this report is based on <i>(replacement sheets which</i> have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this heport as "originally filed" and are not annexed to this report):				
	Description, Pages				
	1-28	as published .			
	Claims, Numbers				
	1-22 ·	as published			
	Drawings, Sheets				
	1/18-18/18	as published			
	☐ a sequence listing and/or a	ny related table(s) - see Supplemental Box Relating to Sequence Listing			
3.	☐ The amendments have resulted in the cancellation of:				
	the description, pagesthe claims, Nos.				
	☐ the drawings, sheets/fig☐ the sequence listing (sp	pecify):			
	☐ any table(s) related to s	sequence listing (specify):			
4.	 This report has been established not been made, since they Supplemental Box (Rule 70.2) 	olished as if (some of) the amendments annexed to this report and listed below have been considered to go beyond the disclosure as filed, as indicated in the c)).			
	☐ the description, pages☐ the claims, Nos.				
	the drawings, sheets/fig the sequence listing (sp				
	any table(s) related to s	sequence listing (specify):			
	+ TE item 4 applies 6	come or all of these sheets may be marked "superseded "			

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N) Yes

Yes: Claims

1-22

No: Claims

Inventive step (IS) Yes: Claims 1-22

No: Claims

Industrial applicability (IA) Yes: Claims 1-22

No: Claims

2. Citations and explanations (Rule 70.7):

see separate sheet

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (SEPARATE SHEET)

International application No.

PCT/NO2004/000080

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

The invention relates to methods for distributing fluids into and out of the channels in a multi-channel monolithic structure according to the preambles of claims 1 and 2. It further relates to a manifold head for distribution of two fluids into and out of the cannels in such a structure according to the preamble of claim 6.

The claimed invention is distinguished therefrom by the respective characterising features. These features allow feeding and distributing two fluids with maximum surface area utilisation. These features are not disclosed nor hinted in the prior art documents cited in the international search report.

It is noted that WO 03/033985 wass published after the filing date of the present application. It does not disclose the feature according to which there is a tunnel provided in the manifold head.